



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURER OR SUPPLIER DATA

MSDS NUMBER

101202

MANUFACTURER'S NAME & MAILING ADDRESS U S Chemical Corporation 316 Hart Street Watertown, Wisconsin 53094 USA		PREPARED BY D. E. Kenas	SIGNATURE <i>David E. Kenas</i>
EMERGENCY TELEPHONE NO. (24 HOUR SERVICE) Medical Emergency ONLY: 1-800-851-7145 Ext. 075		TITLE Quality Assurance Manager	DATE 4-5-04
		PRODUCT INFORMATION TELEPHONE NO. (9 AM TO 5 PM CST, MON - FRI) Product Information: 1-800-558-9566	

SECTION 2 - IDENTITY OF MATERIAL

PRODUCT NAME FREEZER CLEANER			
PRODUCT DESCRIPTION General Purpose Cleaner		FORMULA Proprietary Blend	CHEMICAL FAMILY N.A.
OUT PROPER SHIPPING NAME Not Regulated by D.O.T.			
REGULATED IDENTIFICATION	SHIPPING NUMBER N.A.	PACKING GROUP N.A.	HAZARD CLASS N.A.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT N.A.	SPECIFIC GRAVITY (44°C = 1) 1.040	PHYSICAL FORM Liquid	COLOR Green
VAPOR PRESSURE (mm Hg) N.A.	MELTING POINT N.A.	SOLUBILITY IN WATER Complete	SCENT Spearmint
VAPOR DENSITY (AIR = 1) N.A.	EVAPORATION RATE (BUTYL ACETATE = 1) N.A.	pH (25°C) ppm SOLUTION N.A.	pH (SOLID MATERIAL) 9.8
OTHER Non-Viscous, Clear Green Solution.			

SECTION 4 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS INGREDIENTS (CHEMICAL NAME, COMMON NAME)	OSHA PLH	ACUTE TLV	OTHER HAZARDS RECOMMENDED	PERCENT WT/WT
Propylene Glycol	Not	Not	Not	40.0-70.0
CAS Registry Number 57-55-6	Established	Established	Established	

This product contains no other ingredient considered hazardous according to the criteria of 29 CFR 1910.1200, OSHA. However, this product contains chemicals which may be subject to reporting requirements according to the criteria of SARA Title III, 40 CFR, Part 370, Section 311 and Section 312.

STATE RIGHT TO KNOW INFORMATION

THIS PRODUCT CONTAINS: PROPYLENE GLYCOL/57-55-6, WATER/7732-18-5, NONOXYNOL/9016-45-9

TSCA INVENTORY: ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE INVENTORY.

NFPA RATING: Health-1/Flammability-0/Reactivity-0 See Section 5 for Protective Equipment.
HMIS RATING: Health-1/Flammability-0/Reactivity-0 See Section 5 for Protective Equipment.

CARCINOGENICITY:

This product does not contain any known carcinogens or anticipated carcinogens according to the criteria of the NTP Annual Report on Carcinogens, IARC Monographs, and OSHA 29 CFR 1910, Subpart Z.

(CONTINUED IN SECTIONS 5 TO 9)

101202

SECTION 5 - SAFE USAGE DATA

PROTECTIVE EQUIPMENT TYPES	EYES	Safety glasses with side shields and an eye-wash station.
	RESPIRATORY	None required with normal use.
	GLOVES	Rubber or Neoprene for prolonged use.
VENTILATION	OTHER	Use good standard industrial hygiene practices.
	GENERAL MECHANICAL	Satisfactory. Maintain adequate ventilation. Keep levels below recommended TLV.
	LOCAL EXHAUST	None required with normal use.
PRECAUTIONS	HANDLING & STORAGE	Follow all label directions. Instruct personnel about proper use, hazards, precautions, and first aid measures. Avoid ingestion and contact with eyes. Rotate stock regularly. Handle carefully to avoid damaging container. Keep container closed when not in use. Recommended storage temperature below 100°F. Keep out of children's reach.

SECTION 6 - HEALTH HAZARD DATA

EFFECTS OF EXPOSURE	INHALATION	None Known.
	INGESTION	May cause discomfort, nausea, vomiting, and irritation to mouth, esophagus, stomach, and to other tissues with which contact is made.
	SKIN & EYES	SKIN: Prolonged exposure to concentrate may cause slight irritation to highly sensitive skin. EYES: Contact may cause tearing, and mild to severe irritation depending upon exposure.
	ACUTE & CHRONIC	ACUTE: Irritant to eyes. CHRONIC: None Known.
ROUTES OF ENTRY	INGESTION-X SKIN ABSORPTION-	TAKE 1 ORAL.
	SKIN- EYES-X INHALATION-	None Known.

SECTION 7 - PHYSICAL HAZARD DATA

FLAMMABILITY	LEL = N.A. UEL = N.A.	FLASH POINT = N.A.	METHOD USED = N.A.
STABILITY	STABLE	X	CONDITIONS TO AVOID: Avoid mixing with any other cleaning product. Do not store at high temperatures. Recommended storage temperature below 100°F.
	UNSTABLE		HAZARDOUS DECOMPOSITION PRODUCTS: Warning! Mixing with incompatible materials may produce sulfur dioxide, hydrogen sulfide, nitrous oxides, and ammonia vapors.
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
INCOMPATIBILITY	WILL NOT OCCUR	X	N.A.
	WILL OCCUR		CONDITIONS TO AVOID
Strong oxidizing agents and strong alkali such as caustic soda or caustic potash.			

SECTION 8 - EMERGENCY RESPONSE DATA

FIRE	EXTINGUISHING MEDIA	For fires in area, use appropriate media. For example: Water spray, dry chemical, carbon dioxide, or alcohol foam.
	SPECIAL PROCEDURES	Evacuate area of unprotected and unnecessary personnel.
	INITIAL HAZARDS	Not Applicable.
FIRST AID MEASURES	INGESTION	Do not induce vomiting. If patient is conscious and can swallow, administer milk or water.
	SKIN	Remove contaminated clothes, then flood with water.
	EYES	Flood with lukewarm (not hot) water poured from a large glass 2 or 3 inches from eyes. Remove contacts. Have patient blink as much as possible while flooding the eyes. Continue for 15 minutes. ADMINISTER FIRST AID TREATMENT AS STATED ABOVE, THEN CALL 1-800-851-7146 EXT. 075 OR CONTACT A PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.
SPILLS	STEPS TO BE TAKEN	Wear proper protective equipment including rubber boots. Stop leak if you can do so without risk. Dike or dam large spills. Ventilate area if needed. Soak up with sand or other non-combustible inert absorbent materials. Flush area with water and follow with normal clean-up procedures. Keep combustibles away! Be careful as spills are slippery.
	NO.	
	N.A.	
WASTE DISPOSAL METHOD	COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS. CONSULT STATE AND LOCAL AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE. IF APPROVED, MAY BE DILUTED AND DRAINED TO A MUNICIPAL SEWER OR WASTE TREATMENT PLANT. RINSE EMPTY CONTAINER THOROUGHLY WITH WATER BEFORE DISCARDING. PLEASE RECYCLE EMPTY CONTAINER WHENEVER POSSIBLE.	

THE DATA IN THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND DOES NOT RELATE TO ITS USE IN COMBINATION WITH ANY OTHER MATERIAL OR PROCESS. THE DATA CONTAINED IS BELIEVED TO BE ACCURATE, HOWEVER, SINCE THE CONDITIONS VARY AND ARE DIFFERENT FROM THOSE OF THE MANUFACTURER, THE MANUFACTURER MAKES NO WARRANTY, EXPRESSED OR IMPLIED, AND ASSUMES NO LIABILITY FOR FAILURE TO FOLLOW PRODUCT USE DIRECTIONS AND SAFETY PRECAUTIONS.